

What is claimed is:

1. A layered foundation for a human recreation area, said foundation including:
an unbound particulate layer; and
a protective cover layer positioned over said particulate layer.
2. The foundation of claim 1 wherein said particulate layer includes, at least in part, coarse rubber particulate.
3. The foundation of claim 1 wherein the depth of said particulate layer is adjusted to achieve a desired impact resistance.
4. The foundation of claim 1 wherein said cover layer includes, at least in part, artificial turf.
5. The foundation of claim 4 wherein said cover layer includes a fine particulate dispersed into said artificial turf.
6. The foundation of claim 5 wherein said fine particulate is rubber.
7. The foundation of claim 5 wherein said fine particulate is dispersed into said artificial turf to simulate the appearance of natural turf.

8. The foundation of claim 5 wherein said fine particulate is dispersed into said artificial turf to simulate the texture of natural turf.

9. The foundation of claim 5 wherein said fine particulate is dispersed into said artificial turf to add additional impact resistance to the impact resistance provided by the particulate layer.

10. The foundation of claim 1 wherein said foundation includes a drainage layer positioned below said particulate layer.

11. The foundation of claim 10 wherein said drainage layer enhances fluid flow from said foundation to the surrounding earth.

12. A composite layered foundation, said foundation including:
a coarse particulate layer;
a protective cover layer positioned over said coarse particulate layer; and
a fixed barrier contacting said coarse particulate layer to assist in containing said coarse particulate layer.

13. The foundation of claim 12 wherein said particulate layer includes, at least in part, coarse rubber particulate.

14. The foundation of claim 12 wherein the depth of said particulate layer is adjusted to achieve a desired impact resistance.

15. The foundation of claim 12 wherein said cover layer includes, at least in part, artificial turf.

16. The foundation of claim 15 wherein said cover layer includes a fine particulate dispersed into said artificial turf.

17. The foundation of claim 16 wherein said fine particulate is rubber.

18. The foundation of claim 16 wherein said fine particulate is dispersed into said artificial turf to simulate the appearance of natural turf.

19. The foundation of claim 16 wherein said fine particulate is dispersed into said artificial turf to simulate the texture of natural turf.

20. The foundation of claim 16 wherein said fine particulate is dispersed into said artificial turf to add additional impact resistance to the impact resistance provided by the particulate layer.

21. The foundation of claim 12 wherein said foundation includes a drainage layer positioned below said particulate layer.

22. The foundation of claim 21 wherein said drainage layer enhances fluid flow from said foundation to the surrounding earth.

23. The foundation of claim 12 wherein said fixed barrier is attached to said cover layer.

24. A recreational area for human recreation, said recreational area including:
a composite foundation, said composite foundation including:

a coarse particulate layer;

a protective cover layer positioned over said coarse particulate layer; and

a fixed barrier contacting said coarse particulate layer to assist in containing
said coarse particulate layer; and

at least one structure, wherein said at least one structure may be used by a user to elevate
the user from the foundation of the recreational area.

25. The foundation of claim 24 wherein said particulate layer includes, at least in part,
coarse rubber particulate.

26. The foundation of claim 24 wherein the depth of said particulate layer is adjusted to achieve a desired impact resistance.

27. The foundation of claim 24 wherein the depth of said particulate layer is increased near said at least one structure to provide additional impact resistance.

28. The foundation of claim 24 wherein said cover layer includes, at least in part, artificial turf.

29. The foundation of claim 28 wherein said cover layer includes a fine particulate dispersed into said artificial turf.

30. The foundation of claim 29 wherein said fine particulate is rubber.

31. The foundation of claim 29 wherein said fine particulate is dispersed into said artificial turf to simulate the appearance of natural turf.

32. The foundation of claim 29 wherein said fine particulate is dispersed into said artificial turf to simulate the texture of natural turf.

33. The foundation of claim 29 wherein said fine particulate is dispersed into said artificial turf to add additional impact resistance to the impact resistance provided by the particulate layer.

34. The foundation of claim 24 wherein said foundation includes a drainage layer positioned below said particulate layer.

35. The foundation of claim 34 wherein said drainage layer enhances fluid flow from said foundation to the surrounding earth.

36. The foundation of claim 24 wherein said fixed barrier is attached to said cover layer.

37. A foundation for use in a human recreation area, said foundation including:
a first location providing a first level of impact dampening;
a second location providing a second level of impact dampening; and
a cover layer covering said first location and said second location, wherein said cover layer provides an indication of the position of said first location and said second location.